MARYLAND STATE RETIREMENT AND PENSION SYSTEM QUARTERLY INVESTMENT UPDATE

ASSET CLASS BY MARKET VALUE AND ALLOCATION

June 30, 2018

| ASSET CLASS | Market Value (\$millions) | Actual <u>Allocation</u> | Long-Term Policy <u>Allocation</u> |
|------------------------------------|------------------------------|-----------------------------|--|
| GROWTH EQUITY | 26,186.1 | 50.4% | 50.0% |
| U.S. EQUITY | 8,687.1 | 16.7% | 16.0% |
| INTERNATIONAL EQUITY | 5,632.1 | 10.8% | 10.0% |
| EMERGING EQUITY | 5,325.6 | 10.3% | 11.0% |
| PRIVATE EQUITY | 6,541.3 | 12.6% | 13.0% |
| RATE SENSITIVE | 10,391.3 | 20.0% | 19.0% |
| LONG-TERM GOVERNMENT BONDS | 5,195.7 | 10.0% | 10.0% |
| SECURITIZED & CORPORATE BONDS | 2,597.8 | 5.0% | 5.0% |
| INFLATION-LINKED BONDS | 2,597.8 | 5.0% | 4.0% |
| CREDIT | 4,208.5 | 8.1% | 9.0% |
| HIGH YIELD BONDS & BANK LOANS | 2,857.6 | 5.5% | 7.0% |
| EMERGING MARKETS DEBT | 1,350.9 | 2.6% | 2.0% |
| REAL ASSETS | 6,234.8 | 12.0% | 14.0% |
| REAL ESTATE | 4,676.1 | 9.0% | 10.0% |
| NATURAL RESOURCES & INFRASTRUCTURE | 1,558.7 | 3.0% | 4.0% |
| ABSOLUTE RETURN | 4,416.3 | 8.5% | 8.0% |
| CASH AND CASH EQUITIZATION | 519.6 | 1.0% | 0.0% |
| TOTAL FUND | 51,956.6 | 100.0% | 100.0% |

^{*} May not add due to rounding.

TOTAL PLAN INVESTMENT PERFORMANCE FOR PERIODS ENDED 06/30/2018 (net of fees)

| Fiscal | YTD | 8.1% |
|------------------------------------|------|------|
| 1 ` | Year | 8.1% |
| 3 Y | ears | 6.3% |
| 5 Y | ears | 7.2% |
| 10 Y | ears | 5.6% |
| Available Inception Return - 7/1/1 | .986 | 8.1% |

MARKET VALUE AND INVESTMENT PERFORMANCE FOR 12 MONTH PERIODS ENDED JUNE 30:

| | <u>Market Value</u> | <u>Performance</u> |
|---------------|---------------------|--------------------|
| June 30, 2018 | \$51.9 billion | 8.06% |
| June 30, 2017 | \$49.1 billion | 10.02% |
| June 30, 2016 | \$45.5 billion | 1.16% |
| June 30, 2015 | \$45.8 billion | 2.68% |
| June 30, 2014 | \$45.4 billion | 14.37% |
| June 30, 2013 | \$40.3 billion | 10.57% |
| June 30, 2012 | \$37.1 billion | 0.36% |
| June 30, 2011 | \$37.5 billion | 20.04% |
| June 30, 2010 | \$31.8 billion | 14.03% |
| June 30, 2009 | \$28.5 billion | -20.01% |